"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

JURECIC, S.

Excretion of nitrogen compounds in the perfusive and secretive liquid of the thin intestine after irradiation with 600 r.
Bul sc Youg 7 no.1/2:13 F-Ap '62.

1. Institut "J. Stefan," Ljubljana.

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APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

P.T.A. JURECKA, B.

Chemistry & Chemical Technology

544 542.96 : 547.723 : 547.811 : 577.1

Chmielewska I., Jurecka B. Relation between Structure and Biological Activity of Compounds of the Dicoumarol Type.

„Zależność między budową a działaniem biologicznym typu dikumarolu". Przemysł Chemiczny. No. 5, 1950, pp. 286—290, 2 tabs.

This research has been undertaken to prove that the biological activity of dicoumarol is related to the ability of forming a cyclic closure of ketal structure: α — hydroxy α, β — dihydro-pyran with unsaturated bond in position α' β' to ring oxygen. On the basis of research work carried out the authors modify their initial hypothesis: both structures — α — hydroxy α, β - dihydro-pyran, as well as α — hydroxy α, β — dihydro-furan, may be responsible for antiprothrombin activity.

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

JURECKA, B.

MANICKI, J.; RACZYNSKA-BOJANOWSKA, K.; JURECKA, B.; CHMIELEWSKA, I.

Investigations of the effect on the animal organism of amino acids obtained by hydrolisis of whole animal blood. Polski tygod. lek. 6 nos.13-14:501-506 2 Apr 1951. (CLML 20:11)

1. Of the Second Surgical Clinic (Head -- Prof. Jan. Mossakowski, M.D.) of Warsaw Medical Academy and of the Department of Biochemistry of the Central Institute of Industrial Chemistry.

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"

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JURECKA, B.

Conditions in enzymatic hydrolysis of bovine blood protein. Acta physiol. polon.3 Suppl. 3: 168-169 1952. (CIML 24:1)

1. Of the Department of Biochemistry (Head--Docent Chmielewska, M.D.) of the Institute of Pharmacology.

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

Category : H-17

Abs. Jour. : 39662

Author : Jurecka, B. and Galecka, H.
Institut. : Not given
Title : The Chromatographic Separation of Vitamin D-2 from the Irradiation Products of Ergosterin

Orig. Pub. : Przemysl Spozywczy, 11, No 12, 507-509 (1957)

Abstract : The authors have developed a method for separating Vitamin D-2 from the irradiation products of ergosterine by paper chromatography. The solvent used is a mixture of methanol, ethyl ether, decalin, and water in the ratios 75 : 15 : 5 :5. The pure Vitamin D-2 assay of the crude raw material mixture can be determined with an error lying between 4 and 10%.

A. Vavilova

Card: 1/1

H-68

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

JURECKA, Bronislawa

Effect of pH on the course of cattle blood hydrolysis by pancreatic enzymes II. Composition of a mixture of free amino acids and peptides. Acta Pol. pharm. 21 no.1:85-91 '64.

1. Z Zakladu Biochemii Instytut Lekow w Warszawie (Kierownik: Zakladu: mgr J. Iwanowska).

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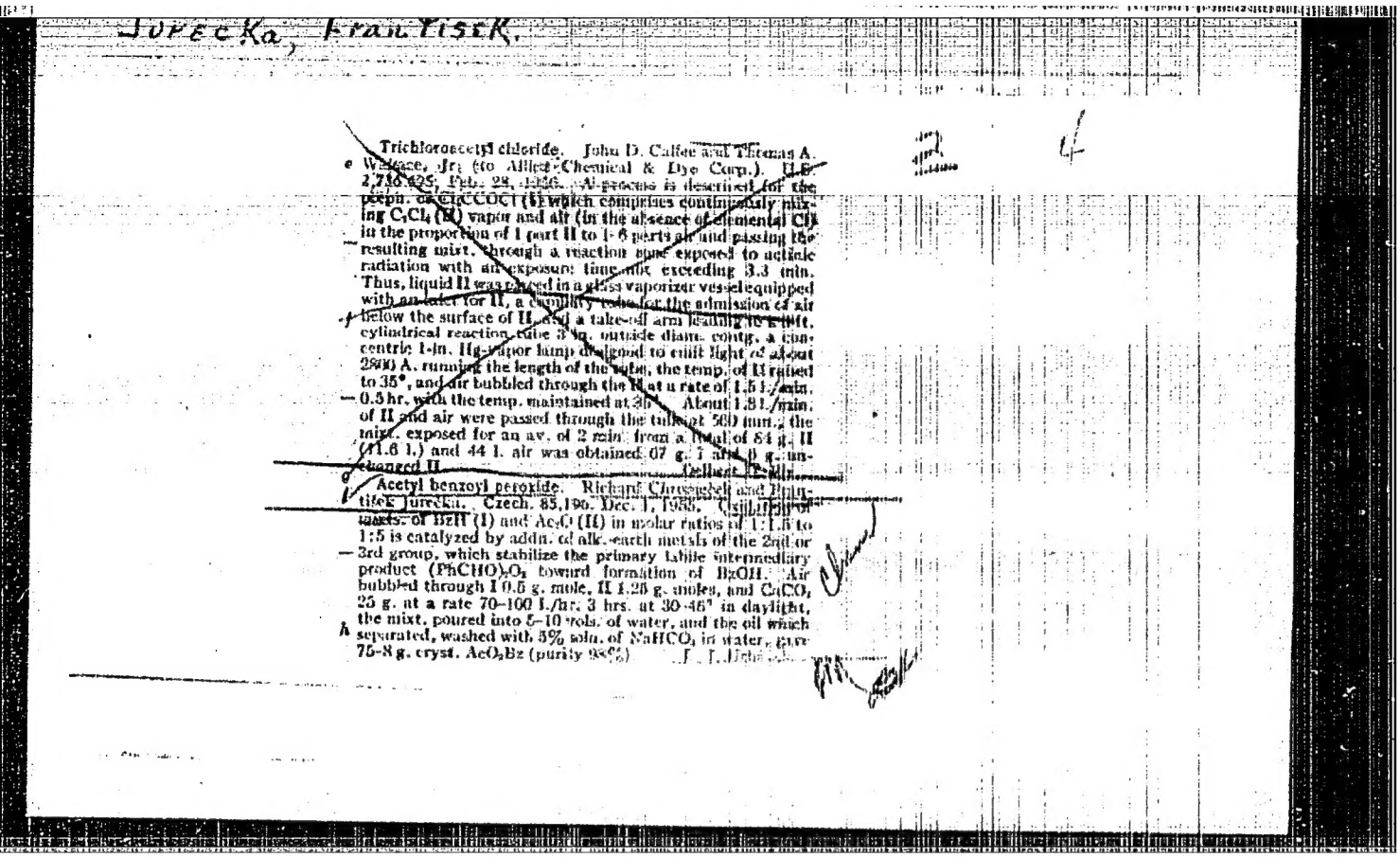

Jurecka, Frantisek

Trichloroacetyl chloride. John D. Calfee and Thomas A. Wallace, Jr. (to Allied Chemical & Dye Corp.). U.S. 2,736,625, Feb. 28, 1956. A process is described for the prepn. of Cl_3CCOCl (I) which comprises continuously mixing CCl_4 (II) vapor and air (in the absence of elemental Cl) in the proportion of 1 part II to 1–6 parts air and passing the resulting mixt. through a reaction zone exposed to actinic radiation with an exposure time-rate exceeding 3.3 min. Thus, liquid II was placed in a glass vaporizer vessel equipped with an inlet for II, a capillary tube for the admission of air below the surface of II, and a take-off arm leading to a quiet, cylindrical reaction tube 3 in. outside diam. contg. a concentric 1-in. Hg-vapor lamp designed to emit light of about 2800 A. running the length of the tube, the temp. of II raised to 35°, and air bubbled through the II at a rate of 1.5 l./min. 0.5 hr. with the temp. maintained at 30°. About 1.8 l./min. of II and air were passed through the tube at 500 mm. the mixt. exposed for an av. of 2 min. from a total of 84 g. II (71.6 l.) and 44 l. air was obtained 67 g. I and 9 g. unchanged II.

Acetyl benzoyl peroxide. Richard Chrusciel and Frantisek Jurecka. Czech. 85,190, Dec. 1, 1958. Crystn. mixts. of BzH (I) and Ac_2O (II) in molar ratios of 1:1.5 to 1:5 is catalyzed by addn. of alk.-earth metals of the 2nd or 3rd group, which stabilize the primary labile intermediary product $(PhCHO)_2O_2$ toward formation of BzOH. Air bubbled through I 0.5 g. mole, II 1.25 g. moles, and $CaCO_3$ 25 g. at a rate 70–100 l./hr. 3 hrs. at 30–45° in daylight, the mixt. poured into 5–10 vols. of water, and the oil which separated, washed with 5% soln. of $NaHCO_3$ in water, gave 75–8 g. cryst. AcO_2Bz (purity 95%).

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

TLUSTY, Lubomir; PETRLE, Miroslav; FIEDLEROVA, Dagmar; REZAC, Vladimir; VIZDA, Jaroslav; JURECKA, Jiri.

An attempt to determine some parameters of aging during routine clinical examination. Sborn. ved. prac. lek. fak. Karlov. Univ. 9 no.1:339-355 '64.

1. I. Interni klinika (prednosta: prof. MUDr. F. Cernik) Karlovy University v Hradci Kralove.

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JUNECKI, Zbigniew, inz.

Wladyslaw Stal; obituary. Gosp wodna 25 no.1:29 Ja '65.

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"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

JUREK, A.

Inert balancing of crankshafts in the 4-cycle 8-cylinder V engine. p. 101. (JARMUVEK ES GEPEK, Budapest, Hungary), Vol. 1, No. 4, Apr. 1954.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 5, May 1955, Uncl.

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"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

JUREK, AUREL

Belsoegesu motorok (Internal-Combustion Moters); a book review. p. 403.
KOZLEKEDESTODOMANYI SZEMLE. Budapest. Vol. 5, No. 10, Oct. 1955

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, No. 2, Feb. 1956

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"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

JUREK, A.

Emil Schimanek's Energiaatalakulas hoerogepekben (Energy Conversion in Heat Engines); a book review, p. 505, ACTA TECHNICA, (Magyar Tudomanyos Akademia) Budapest, Vol. 10, No. 3/4, 1955

SOURCE: East European Accessions List (EEAL) Library of Congress, Vol. 4, No. 12, December 1955

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JUREK, A.

JUREK, A. Emil Schimanek's Energiaatalakulas hoerogepekben (Conversion of Energy in Heat Power Engines); a book review. p. 533.

Vol. 15, No. 1/4, 1955.
KOZLEMENYEI
TECHNOLOGY
Budapest, Hungary

So: East European Accession, Vol. 5, No. 5, May 1956

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JUREK, A., prof.

The description of the "Jupiter" hydromechanical continuously variable speed transmission. Periodica polytech eng 4 no.2:115-136 '60.
(EEAI 10:4)

1. Deaprtment for Gas Engines and Automobiles, Polytechnical University, Budapest.
(Automobiles)

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"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

JUREK, A., prof. (Budapest XI, Stoczek u. 2. Ungarn.)

The "Merkur" steering mechanism of motor vehicles equipped with crawler transmission. Periodica polytechn eng 5 no.3:171-203 '61

1. Lehrstuhl fur Verbrennungsmotoren und Kraftfahrzeuge, Technische Universitat, Budapest.

(Motor vehicles)

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"

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JUREK, Aurel, dr., egyetemi tanar

Motor manufacture and automotive industry in Hungary. Jarmu mezo gep 8 no.1:8-10 Ja '61.

1. "Jarmuvek - Mezogazdasagi Gepek" szerkeszto bizottsagi tagja.

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JUREK, Aurel, dr., egyetemi tanar

Motor vehicle engines. Jarmu mezo gep 9 no.1:4-5 Ja '62.

1. Muszaki Egyetem.

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JUREK, B.

Selected problems of gearing in machinetool construction., p. 556

MECHANIK. (Stowarzyszenie Inzynierow i Technikow Mechanikow Polskich)
Warszawa, Poland, Vol. 32, no. 9, Sept. 1959.

Monthly list of East European Accession (EEAI) LC, Vol. 9, No. 1, Jan. 1959.

Uncl.

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JUREK, B., mgr inz.

The creep mechanism. Mechanik 35 no.12:672-673 D '62.

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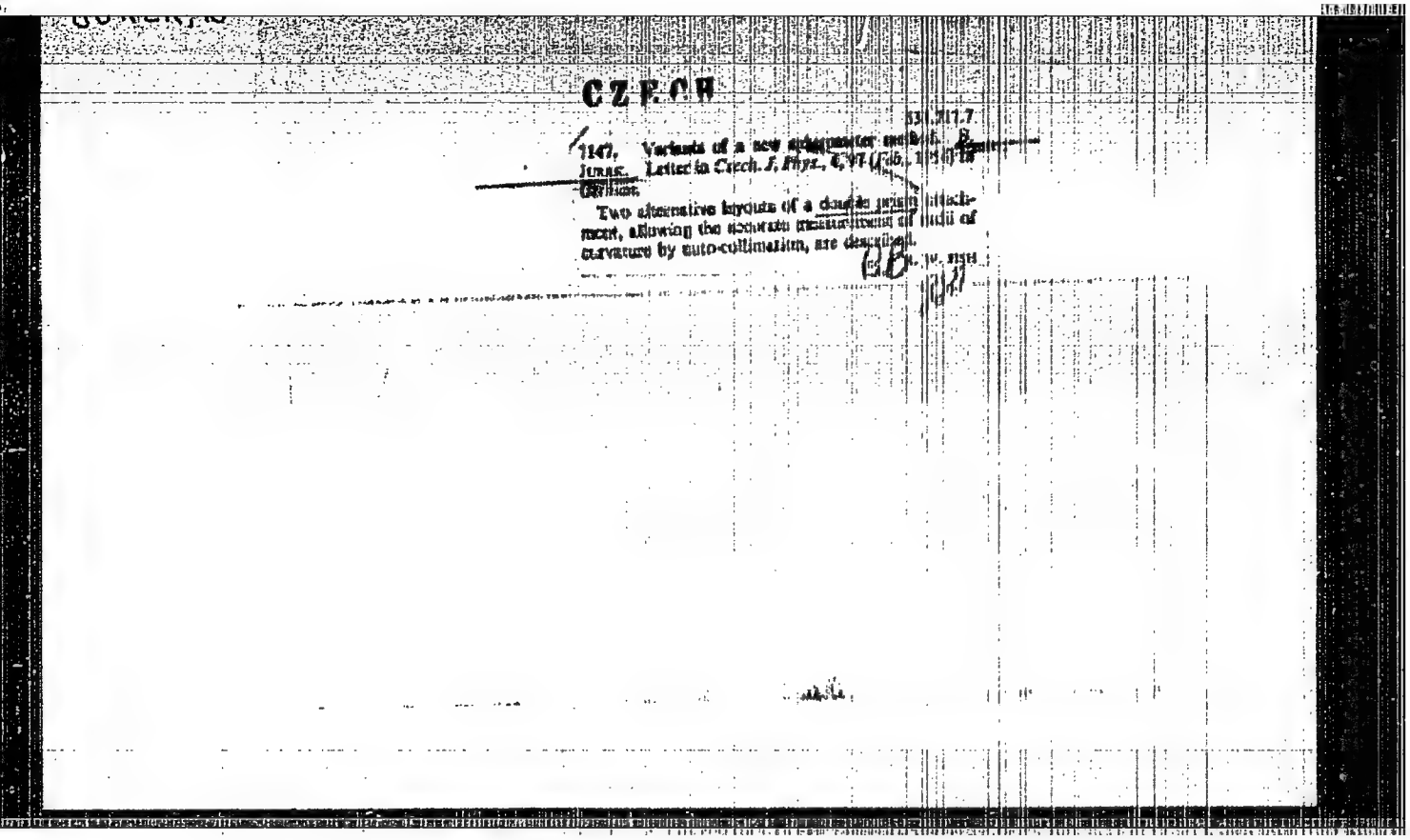

CZECH

1147. Variants of a new spectrometer mount. [illegible]
JURAS. Letter in *Czech. J. Phys.*, [illegible]
Ottawa.

Two alternative layouts of a double prism attachment, allowing the isochronous measurement of radii of curvature by auto-collimation, are described.

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

Jurek, Bohumil

Category : CZECHOSLOVAKIA/Optics - Geometric Media K-2

Abs Jour : Ref Zhur - Fizika, No 2, 1957, No 4838

Author : Jurek, Bohumil
Title : Spherical Surfaces in Systems of Two Mirrors.

Orig Pub : Rozpr. Ceskosl. akad. ved, 1955, MPV, 65, No 10, 1-25

Abstract : To satisfy the condition of correct stigmatism in a two-mirror system requires in general that one of the mirrors be aspherical, and if it is furthermore required that the system be aplanatic, it is necessary that both mirrors be aspherical. It is shown that with the exception of known cases, when: a) the system consists of two spherical mirrors and the object point is located in the common center; b) the object point is located on one of the spherical surfaces of the mirrors; c) the system consists of a spherical mirror and a cardioid, there are no systems for which the condition of exact stigmatism and exact aplanatism are satisfied.

Card : 1/1

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

Jurek, B

Czechoslovakia/Optics - Optical Technique, K-4

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 35700

Author: Jurek, B.

Institution:

Title: New Spherometric Method

Original Periodical: JEMNA MECHANIKA A OPTIKA
Jemna mech. a opt., 1956, No 1, 15-16; Czech; Russian and German resumés

Abstract: Description of a new auto-collimating method of measuring the radii of the curvature of optical surfaces. To increase the accuracy, the primary beam is divided into 2 and a polarizing plate is introduced into the optical system.

Card 1/1

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JUREK , B.

Mirror lenses of microscopes.

P. 9 (Jemna Mechanika a Optike. Vol. 2, no. 1, Feb. 1957, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,
February 1958

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CZECHOSLOVAKIA/Optics - Optical Technology K-4

Abs Jour : Ref Zhur - Fizika, No 10, 1958, No 23790

Author : Jurek Bohumil
Inst : Czechoslovak Academy of Sciences, Prague, Czechoslovakia
Title : Cemented Aplanat with Spherical Cementing Surface.

Orig Pub : Rozpr. CSAV. Rada MPV, 1957, 67, No 12, 1-8

Abstract : The problem is raised what form must the outer surface of a cemented lens have if the cementing surface is spherical. A method of successive approximation is given for the solution of this problem.

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"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

CZECHOSLOVAKIA/Optics - Optical Technology K

Abs Jour : Ref Zhur Fizika, No 9, 1959, 21238

Author : Jurek, Bohumil

Inst : Czechoslovak Academy of Sciences, Laboratory for Optics, Prague, Czechoslovakia

Title : Image-Producing Systems with Aspherical Surfaces

Orig Pub : Prirod. vedy skole, 1958, 8, No 8, 673-683

Abstract : Popular article, describing the history of the application of aspherical surfaces for the correction of optical systems. Elementary theory of obtaining aberration-free images is given. Two examples are cited: the mirror microobjective and the Schmidt camara. -- A.A. Zabelin

Card 1/1

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"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

JUREK, B.

New methods of solving the mirror aplanat.

p. 9 (Rozpravy, Rada Matematicko-Prirodovedecka) Vol. 67. no. 12, 1958. Praha. Czech.

SO: Monthly Index of East European Accessions (EEAI) LC Vol. 7, no. 1 Jan 1958

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JUREK, B

"Method for numerical solution of differential equations of the 1st order and its use in the geometric optics."

APLIKACE MATEMATIKY, Praha, Czechoslovakia, Vol. 4, no. 3, 1959

Monthly list of East Europe Accessions (EEAI), LC, Vol. 8, No. 6, Sept 59
Unclas

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JUREK,B.

TECHNOLOGY

PERIODICAL: MECHANIK,Vol. 32, no. 1, Jan. 1959.

JUREK, B.: A simple combination of levers for drawing involutes. p. 21.

Monthly List of East European Accessions (EEAI) LC Vol. 8, No. 4, April, 1959, Unclass.

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

JUREK, B.

"Fermat's principle and the problem of construction refraction systems"

Rozpravy. Rada Matematicko-Prirodovedecka. Praha, Czechoslovakia. Vol. 69, no. 5, 1959

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 7, July 59, Unclas

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

JUREK, B.

"Design of a microscopic objective consisting of two mirrors."

JEMNA MECHANIKA A OPTIKA, Praha, Czechoslovakia, Vol. 4, No. 3, March 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.

Unclassified.

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

JURIK, B.

Measuring aspherical surfaces. p. 350.

JEMNA MECHANIKA A OPTIKA (Ministerstvo presneho strojirenstvi a Ustav pro vyskum optiky a jemne mechaniky) Praha, Czechoslovakia Vol. 4, no. 10, Oct. 1959

Monthly List of East European accession, (EEAI), LC, Vol. 8, No. 12, Dec. 1959
Uncl.

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JUREK, B., dr.

Mirror microscope objective for an image converter. Jemna mech opt 8 no.10:313-314 O '63.

1. Laborator optiky, Ceskoslovenska akademie ved, Praha.

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JUREK, Jeno, muszaki egyetemi docens

Development of drives of wheeled tractors. Jarmu mave gep 8 no.12: 448-457 D '61.

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"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

JUREK, Jeno, muszaki egyetemi docens

Two-cycle or four-cycle engine? Auto motor 15 no.1:20 Ja '62.

(Hungary—Motorcycles)

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"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

JUREK, Jeno

"Technical handbook on tractors" by Blumenthal. Reviewed by Jeno Jurek. Jarmu mezo gep 10 no.2:73-74 F '63.

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"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

JUREK, Ladislav, inz.; RYSANEK, Frantisek, inz.

Progressive design of crushing and sorting plants at limestone quarries. Rudy 11 no.9:300-303 S '63.

1. Rudny projekt, Brno.

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"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

JUREK, M.

What are the causes of the ideologic weakness of the Party organization? Post-verificative consideration of one from the nth mechanized regiment.

P. 43 (WOJSKO LUDOWE) (Warszawa, Poland) No. 2, Feb. 1958

SO: Monthly Index of East European Accessions (EEAI) LC Vol. 7, No. 5. 1958

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ULBRICH, V.; MAKES, J.; JURECEK, M.

Identification of glycidyl ethers; bis-phenyl and bis-α -naphthylurethan of α-alkyl(aryl)ethers of glycerin. Coll Cz Chem 29 no. 6:1466-1475 Je '64.

1. Research Institute of Synthetic Resins and Lacquers, Pardubice (for Ulbrich and Makes). 2. Institute of Analytical Chemistry, Higher School of Chemical Technology, Pardubice (for Jurecek).

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"

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JURECKA, Jan, promovany ekonom

"Comparison of enterprises in the chemical industry" by V. Sada. Reviewed by Jan Jurecka. Podn org 18 no.10:479 O '64.

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"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

L 00520-66

ACCESSION NR: AP5023864 UR/0049/64/000/011/0827/0835

AUTHOR: Repka, Jozef (Repka, Yosef)(Engineer)(Nitra); Jurekova, Zuzana (Yurekova, Zuzanna)(Nitra); Danko, Juraj (Danko, Yuray)(Nitra)

TITLE: Ability of winter wheat to synthesize nitrogen compounds at low temperatures

SOURCE: Biologia, no. 11, 1964, 827-835

TOPIC TAGS: plant metabolism, plant chemistry, organic nitrogen

ABSTRACT: Ability of winter wheat to metabolize nitrogen supplied to it was studied at low temperatures. A solution of Ca nitrate was supplied to winter wheat at temperatures of +3 to 0°C. Changes in aminoacids and glycides were investigated; the plants were able to assimilate and metabolize the nitrogen; those grown with an insufficient N in fertilizers had an increased assimilation of N from atmosphere. The percentage composition of aminoacids changed with changes in temperature. At +3° glutamic acid was prevalent at 0°C glutamine and serine.

Orig. art. has: 3 tables, 2 graphs.

Card 1/2

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"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

L 00520-66

ACCESSION NR: AP5023864

ASSOCIATION: Katedra fyziologie rastlin Agronomickej fakulty Vysokej skoly polnohospodarskej, Nitra (Department of Botanical Physiology, Faculty of Agronomics, College of Agriculture)

SUBMITTED: 07Mar64 ENCL: 00 SUB CODE: LS

NR REF SOV: 004 OTHER: 008 JPRS

Card 2/2

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

JURELA, Dusko, dr

Public health institute with functions of a health center in accordance with the law on health protection and health service organization. Lijecn. vjesn. 84 no.9:929-933 '62.

1. Iz Zavoda za zastitu zdravlja grada Zagreba.
(PUBLIC HEALTH ADMINISTRATION) (LEGISLATION MEDICAL)

S

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

JUREN, O. MUDr.; KUBISTA, Z., Ing.; PRAZAK, V. Ing.

Value of potassium bichromate test in cement eczema. Pracovni lek. 9 no.4:330-332 Sept 57.

1. I. dermatologicka klinika, Praha, prednosta prof. Dr. K. Gawalowski A Vyzkumny ustav ochrany materialu, Praha, prednosta Ing. M. Roubal. O. J., Praha 2, Koubkova 10.

(DERMATITIS CONTACT, etiol. & pathogen.
chromium in cement workers, potassium bichromate test (Cz))
(CHROMIUM, inj. eff.
contact dermatitis in cement workers, potassium bichromate test (Cz))

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

TIRASIK, L.; JUREN, O.

Cutaneous changes in workers using radioactive luminescent paints. Acta univ. carol. [med.] Suppl. 14:219-222 '61.

1. II. kozni klinika fakulty vseobecneho lekarstvi University Karlovy v Praze, prednosta prof. dr. K. Hubschmann I. kozni klinika fakulty vseobecneho lekarstvi University Karlovy v Praze, prednosta prof. dr. K. Gawalowski.

(SKIN radiation eff) (RADIATION INJURIES)
(OCCUPATIONAL DERMATITIS) (STRONTIUM radioactive)
(YTTRIUM radioactive) (PAINT)

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

JIRASEK, Lubor; JUREN, Otakar

Occupational radiodermatitis following work with radioactive luminescent paints (Sr90) Cesk. derm. 36 no.2:91-94 '61.

1. Dermatovenerologicka klinika v Praze, prednosta prof. dr. K. Gawalowski. 2.Dermatovenerologicka klinika v Praze, prednosta prof. dr. K. Hubschmann.

(STRONTIUM radioactive) (RADIATION INJURY)
(DERMATITIS etiol.) PAINT)

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

JURENKA, V.

"Freight transportation on inland waterways."

p. 43 (Czechoslovak Heavy Industry) No. 8, 1956
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4, April 1958

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

JURENKOVA, Stanislava

Malformations of the bile duct. Cesk. pediat. 14 no.2:114-118 5 Feb 59.

1. Katedra patologicke anatomie a mikrobiologie fakulty detskeho lekarstvi Karlovy university, prednosta doc. Dagmar Benesova. S. J., Katedra patol. anat. a mikrobiol. FDLKU, Praha 2, U Botanickeho ustavu 2.
(BILE DUCT, COMMON, abnorm.
postmortem findings in child. (Cz))

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

RUMANIA

POPOVICI, D. Gh. Candidate in Biological Science (Candidat in Stiinte Biologice) and JURESCOVA, Galina, Eng, of the Zootechnical Research Institute (Institutul de Cercetari Zootehnice).

"The Influence of Adrenalin and Glanduitrin on the Evacuation of Milk from the Udder During Milking."

Bucharest, Revista de Zootehnie si Medecina Veterinara, Vol 13, No 7, Jul 63, pp 36-41.

Abstract: Based on tests with 5 goats in the first period of lactation, it is concluded that the intravenous administration of adrenalin in doses of 0.0028 milligrams per kilogram induces the evacuation of milk. The effect, however, is of short duration: the intracisternal pressure returns to its original level in approximately 60 seconds. If glanduitrin is administered, intracisternal pressure is maintained for 2 to 3 minutes and does not return to its original level for 7 to 8 minutes. Contains 4 figures, 1 table and 14 references, of which 6 Russian, 4 Rumanian and 4 Western.

1/1

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

JURETIC, Miro, Dr. Split.

Acute allergic manifestations caused by mercury therapy. Med. glasn. 9 no.4:141-146 Apr '55.

1. Medicinski centar JRM (upravnik puk.dr V. Ivanovic)
(MERCURY, inf. eff.
allergy, review(Ser))
(ALLERGY,
to mercury, review(Ser))

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

E

YUGOSLAVIA/Virology. Chlamydozoa.

Abs Jour: Ref Zhur-Biol., No 17, 1958, 76537.

Author : Juretic, Miro; Gregorcic, Milan.

* Inst :

Title : Benign Lymphoreticulosis or a Disease Caused by Scratching by Cats.

Orig Pub: Lijecn. vjesn., 1957, 79, No 3-4, 147-151.

Abstract: A case of this illness in a 10-year-old boy is described. In Yugoslavia, there have been six cases of this disease registered.

* Iz Medicinskog centra JRM u Splitu.

Card : 1/1

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

KALAFATIC, Zrnka; JURETIC, Miro; BALOG, Nevenka

Ellis-Van Creveld syndrome. Rad. med. fak. Zagreb 8 no.1:39-48 '60;
(ABNORMALITIES case reports)

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

JURETIC, Miro, Dr.: PETKOVIC, Branko, Dr.

Contribution to the epidemiology of primary herpetic infection.
Lijec vjes 82 no.5:383-393 '60.

1. Iz Medicinskog Centra R.M. u Splitu
(HERPES epidemiol)

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

JURETIC, M.; BERITIC, T.

Fatal herpes (generalized herpes simplex). Lijecn. vjesn. 83 no.6: 632-634 '61.

(HERPES)

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

JURETIC, M.; BERITIC, T.

Mucoviscidosis. Lijecn. vjesn. 83 no.12:1274-1276 '61.

(PANCREATIC CYSTIC FIBROSIS)

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

JURETIC, Miro, dr.; ALJINOVIC, Gorica, dr.; ZOLTNER, Domagoj, dr.

Hereditary crura vara. Lijecn. vjesn. 84 no.6:565-573 '62.

1. Iz Djecjeg odjela i Rendgen odjela Opce bolnice i Medicinskog Centra R.M. u Splitu.

(LEG abnorm)

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

YUGOSLAVIA

Dr M. JURETIC [No affiliation noted.]

"The Question of Embryopathies Ascribable to German Measles."

Zagreb, Lijecnicki Vjesnik, Vol 85, No 5, May 63; pp 543-545.

Abstract : Review of several recent studies in the context of the "Current severe epidemic of German measles in Split which began this year till April involved over 1000 persons.." No specific answers are given as to what can be done except try to shield pregnant women from infection. One can only hope that some effective method of active or passive immunization will be developed soon. Two Yugoslav, 16 Western references.

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E N D

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

JURETIC, M.

The problem of rubeola embryopathies. Lijecn. vjesn. 85 no.5: 543-545 '63.

(RUBELLA) (PREGNANCY COMPL., INFECTIOUS) (ABNORMALITIES)

S

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

Allergology

YUGOSLAVIA

RUMBOLT, Zvonko; and JURETIC, Miro, Clinic for Pediatric Diseases, Children's Hospital (Klinik za djecje bolesti, Djecja bolnica) "Kantrida", Rijeka, and Medical Station (Zdravstvena stanica), Split

"Test of the Basophil Degranulation in Penicillin Sensitivity"

Zagreb, Lijecnicki Vjesnik, Vol 88, No 6, June 1966; pp 619-625

Abstract:[English summary modified] Use of Shelley's basophil degranulation test with slight technical modifications, in 30 patients for penicillin allergy; of 32 specimens of sera taken, 17 were positive, 15 negative; 6 of these were false negatives. 1 table, diagram, 1 photomicrograph; 2 Yugoslav, 12 Western references. Manuscript received 1 Feb 66.

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"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

The Influence of Cold-Working with Light Draughts Connected with Suitable Thermal Treatment on Power-Loss in Rolled Magnetic Sheets

mosphere. The chemical compound of the four samples can be taken from table 1. The dimensions of the basic work piece were 790 x 200 x 13.2 mm. In case (I) it could be rolled up to 0.28 mm, in case (II) and (III) up to 0.35 mm. The author describes the heavy difficulties under which the work had to be done. Some of the rolls cracked and no experts were available. To read the various diagrams, a series of figures is given. The Roman figures (I-IV) correspond to the four samples. The next Arab figure corresponds to the initial rolling of the sheet. The following Arab figures mean: 1) raw sheet metal annealed in furnace; 2) cold-rolling of sheet metal without annealing. For each two hours' period in hydrogen atmosphere the temperatures are: 1) = 800°, 2) = 900°, 3) = 1000°. For each five hours' period in hydrogen atmosphere, the temperature is 5) = 900°. For each five hours' period in vacuum the temperature is: 6) = 900°. For each three hours' period in

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"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

The Influence of Cold-Working with Light Draughts Connected with Suitable Thermal Treatment on Power-Loss in Rolled Magnetic Sheets

vacuum the temperature is: 7) = 950°. Figures 2 to 5 show the ratio of the loss (P_{10}, W/kG) at the annealing temperature (continuous line) to the equivalent contents of carbon of the sheet metal (hatched line). The result is that the loss becomes smaller when the annealing temperature increases. Figures 8 to 15 show the influence of the critical deformation on the cohertical tension H_c. Line (1) corresponds to the initial H_c, (2) to same after annealing according to conditions Nr 7, (3) to same at the critical deformation according to thermic treatment Nr 7. It was established that the best quality transformer sheets could be attained with a content of silicium between 3.21 to 3.27%. There are 15 graphs and 7 references, 6 of which are German and 1 English.

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"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

POL/39-26-3-3/13

The Influence of Cold-Working with Light Draughts Connected with Suitable Thermal Treatment on Power-Loss in Rolled Magnetic Sheets

ASSOCIATION: Akademia Gornicza Freiberg (NRD) (Mining Academy Freiberg (East Germany))

SUBMITTED: October 16, 1958

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Card 4/4

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

HIGIER, Jerzy; JUKEWICZ, Aleksy

Extrauterine pregnancy at term. Gin.polska 29 no.1:19-32 Jan-Feb 58.

1. Z Oddzialu Ginekologiczn-Poloznicznego Centralnego Szpitala M.O.N. w Warszawie. Kierownik: dr med. J. Higior. Adres autora; Warszawa, ul. Bednarska 15 m. [illegible].
(PREGNANCY,ECTOPIC, case reports
tubo-abdom. (Pol))

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

JUREWICZ, A.

COUNTRY : POLAND
CATEGORY : Physical Chemistry. Kinetics. Combustion. Explosions. Topochemistry. Catalysis
ABS. JOUR. : RZhKhim., No 17, 1959, No. 60095

AUTHOR : Trzeszczanowicz, E., Lipko, F., Jurewicz, A.
INSTITUTE : -
TITLE : The Investigation of Zinc-Iron Contacts in the Dehydration Reaction of Cyclohexanol. Correla-*
ORIG. PUB. : Chem. stosow., 1958, 2, No 3, 315-328

ABSTRACT : Investigated are activities of a number of Zn - Fe contacts (having different compositions) with regard to dehydration of cyclohexanol to cyclohexanone. The activity of contacts depends on their composition and on the method of preparation. Two contacts, having an identical composition (18.3 and 18.8% Fe), but characterized by differences in structure, resulting from different catalytic properties. One of

*tion Between the Catalytic Properties of Contacts and Their Potentiometric Characteristics.

Card: 1/2

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"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

Jurewicz, A.

5811 546.171.1:547.821.4

Lipka B., Treszczanowicz E., Jaworska L., Jurewicz A. The Study of the Contact Oxidation with Air in the Presence of Ammonia of a 3- and 4-Picoline Mixture.

„Badania nad kontaktowym utlenianiem mieszaniny 3- i 4-pikoliny powietrzem w obecności amoniaku". Przemysł Chemiczny. No. 7, 1958, pp. 484—489, 6 figs., 5 tabs.

This paper deals with the preliminary examination of the process of contact oxidation of a 3- and 4-picoline mixture with air in the presence of ammonia. The reaction was carried out in gaseous phase over a contact of vanadium oxides on alumina carrier. The product obtained was a mixture of nitriles of nicotinic and isonicotinic acids. The yield of nitriles at 330—360° was about 63% of the theoretical in relation to the picolines introduced, and 90% to the picolines which entered into reaction. Only 6.6% of the picolines introduced suffered oxidation with decomposition.

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2W) alley

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"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

JUREWICZ, Aleksy

A case of argentaffinoma. Wiad. lek. 18 no.2:177-178 15 Ja '65

1. Z Kliniki Chorob Kobiecych i Poloznicznych 2 Centr. Szpitala Klinicznego Wojskowej Akademii Medycznej w Lodzi (kierownik: doc.dr.med. J. Higier).

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

JUREWICZ, ANDRZEJ

K^+-nucleon scattering in the Tamm-Dancoff approximation. Grzegorz Birkowski and Andrzej Jurewicz (Univ. Warsaw, Poland). *Phys. Rev.* 113, 1269–71(1959).—Calcns. of K^+-nucleon scattering phase shifts are reported. A simple model of Yukawa interactions between K mesons and baryons (contg. no derivs.) is adopted. The method used is a 3-dimensional Tamm-Dancoff approxn., but with no simplifications as far as recoil effects are concerned. This method is particularly convenient for K^+-nucleon scattering, since the principle of assocd. production excludes graphs leading to nonrenormalizable effects. The resulting integral equation has been solved for the $T = 1$, $S_{1/2}$, $P_{1/2}$, and $P_{3/2}$ states in the energy region up to 1.23 b.e.v. The coupling const. is the only parameter to be detd. from exptl. data. This was chosen to fit the exptl. value of the total cross section at about 350 m.e.v. It turned out that the best agreement with expt. was obtained with $(G^2 + g^2)/4\pi = 12.5$. This value is much greater than the corresponding one adopted in previous papers. P. M. B.

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"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

JUREWICZ, ANDRZEJ

Nonadiabatic treatment of the scattering of K^+ mesons by nucleons. Grzegorz Białkowski and Andrzej Jurewicz (Univ., Warsaw). *Nuclear Phys.* 17, 359–70(1960).—Using assuming pseudoscalar Yukawa coupling between K mesons

19

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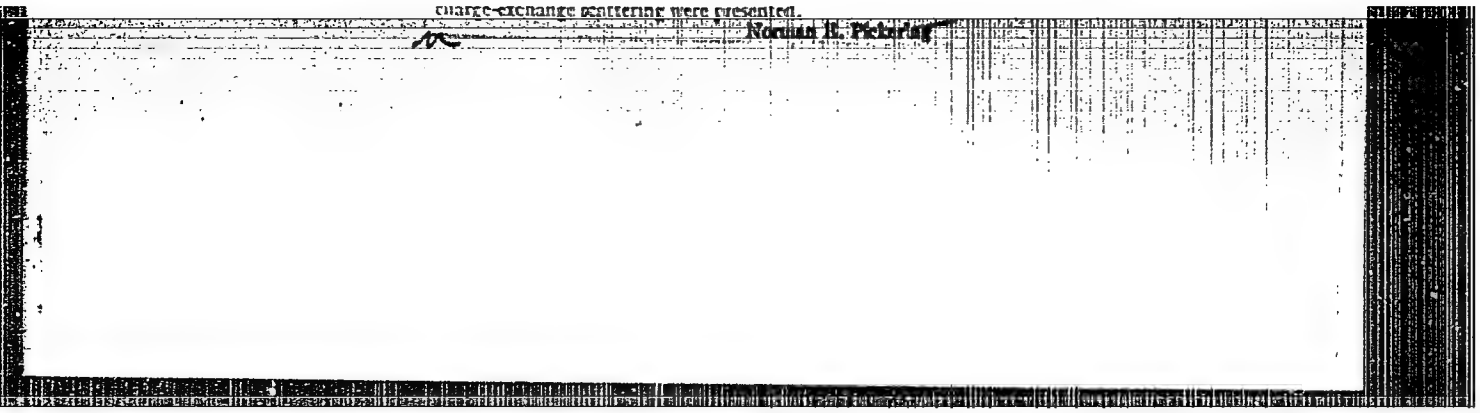

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"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

JUREWICZ, A.

P/047/60/011/002/002/003
B021/B064

AUTHORS: Białkowski Grzegorz and Jurewicz Andrzej

TITLE: Classification Schemes for Elementary Particles /9

PERIODICAL: Postępy Fizyki, 1960, Vol. 11, No. 2, pp. 191-205

TEXT: As may be seen from the preface, the authors restrict themselves to listing some essential models of classification, special mention being made of the model by W. Królikowski. The scheme of d'Espagnat-Prentki was previously discussed in the periodical "Postępy Fizyki". The authors classified certain elementary particles (Table 1). The model developed by Salam-Polkinghorne is a modification of that of Gell-Mann and Pais; it contains the well-known relation between charge, isospin, and the number of baryons. Table 2 classifies the pions and K-mesons. The classification of various hyperons and nucleons may be seen from Table 3. Tiomno's classification of baryons is given in Table 4, and a classification of mesons is contained in Table 5. Finally, also the scheme of Pais is mentioned; whose great merits in the classification of elementary

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"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

Classification Schemes for Elementary Particles

P/047/60/011/002/002/003
B021/B064

particles are stressed. There are 5 tables and 9 references: 1 British, 6 US, and 2 Italian.

ASSOCIATION: Instytut Fizyki Teoretycznej Uniwersytetu Warszawskiego, Warszawa (Institute of Theoretical Physics of Warsaw University, Warsaw)

Card 2/2

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22136

S/056/61/040/003/016/031
B102/B205

24.6900 (1138, 1191, 1559)

AUTHORS: Solov'yev, L. D., Bialkowski, C., Jurewicz, A.

TITLE: Equations for the photoproduction of pions on nucleons accounting for pion-pion interaction

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 40, no. 3, 1961, 839-847

TEXT: Equations for the partial pion photoproduction amplitudes at small energies have been derived on the strength of the Mandelstam representation in Cini-Fubini approximation and with regard to nucleon recoil and pion-pion interaction. The pion-pion interaction is introduced into the equations by pion-pion photoproduction amplitudes formulated in an earlier paper (Solov'yev, ZhETF, 40, 597, 1961). Pion-pion interaction makes a contribution only to isotope-scalar photoproduction amplitudes. As a consequence, pion-pion resonance in states with J=I=1 (if these exist at all) yields a contribution only to those amplitudes to which no contribution is made by pion-nucleon resonance. The amplitude of photoproduction on pions depends on the high-energy singularities. In the

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"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

expression for the former there appears a parameter that depends on the amplitudes of the processes $\gamma\pi \to N\bar{N}$ and $\pi\pi \to N\bar{N}$ in the region considered. This makes it possible to write formally a system of equations relating the amplitudes of the processes $\gamma N \to \pi N$ and $\gamma\pi \to N\bar{N}$ to the πN and $\pi\pi$ amplitudes. This system contains no new parameters. For the time being it is, however, not possible to take high-energy contributions into consideration, and data on the processes $\gamma\pi \to N\bar{N}$ and $\pi\pi \to N\bar{N}$ must be taken from experiments. Thus, equations are considered here only for the amplitudes of the process $\gamma N \to \pi N$, into which the experimentally determined parameter of the process $\gamma\pi \to \pi\pi$ enters. The formulation of these equations requires a discussion of the extensive kinematics and the unitarity condition for the processes $\gamma N \to \pi N$ and $\gamma\pi \to N\bar{N}$, which is presented in the second part of the present paper. The kinematics of the former has been investigated repeatedly, and that of the latter is treated by a method of Jacob and Wick (Ann.Phys.7,404,1959). In the second part, the spectral representation according to Mandelstam for the invariant amplitudes of photoproduction is written first:

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Equations for the photoproduction...

$$H_l^{(\alpha)}(s, \bar{s}, t) = \left(B_l^{(\alpha)} - \frac{2eg\delta_{l1}}{t-\mu^2}\right)\left(\frac{1}{s-m^2} \pm \frac{1}{\bar{s}-m^2}\right) + \tag{32}$$

$$+ \frac{1}{\pi^2}\int\limits_{(m+\mu)^2}^{\infty} dx \int\limits_{4\mu^2}^{\infty} dy \left(\frac{1}{x-s} \pm \frac{1}{x-\bar{s}}\right)\frac{h_{l1}^{(\alpha)}(x, y)}{y-t} + \frac{1}{\pi^2}\iint\limits_{(m+\mu)^2}^{\infty} dx\, dy\, \frac{h_{l2}^{(\alpha)}(x, y)}{(x-s)(y-\bar{s})}.$$

$$h_{l2}^{(\alpha)}(x, y) = \pm h_{l2}^{(\alpha)}(y, x). \tag{33}$$

$$B_1^{(\alpha)} = 0,\ B_2^{(\alpha)} = B_3^{(\alpha)} = \frac{g}{2}\begin{cases}\mu_p' - \mu_n, & \alpha = 1\\ \mu_p' + \mu_n, & \alpha = 2\\ \mu_p' - \mu_n, & \alpha = 3\end{cases} \tag{34}.$$

$$B_4^{(\alpha)} = -\frac{1}{4}\,eg - mB_2^{(\alpha)}$$

This representation is supposed to be valid without any subtraction. Confining themselves to the low-energy range, neglecting the amplitudes F, H, etc., and making use of the Cini-Fubini approximation, the authors obtained this representation in the following way:

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"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

Equations for the photoproduction...

$H_i^{(\alpha)}(s,\bar{s},t)$ = Born term + $\frac{1}{\pi}\int_{(m+\mu)^2}^{\infty} dx \left(\frac{1}{x-s} \pm \frac{1}{x-\bar{s}}\right) a_i^{(\alpha)}(x,t) + \delta_{\alpha 2} \frac{1 \pm 1}{2\pi} \int_{4\mu^2}^{\infty} \frac{b_i(x)dx}{x-t}$ (35), where $a_i^{(\alpha)}$ = Im $H_i^{(\alpha)}$ for $\gamma N \to \pi N$ and $\delta_{\alpha 2}\, b_i$ = Im $H_i^{(\alpha)}$ for $\gamma\pi \to N\bar{N}$. $a_i^{(\alpha)}(s,t)$ corresponds only to a pion-nucleon intermediate state in the unitarity condition. The singularity with respect to t begins at $16\mu^2$ and can be expanded in a Taylor series. When neglecting the phases D, F, etc. of pion-nucleon scattering, this expansion reads $a_i^{(\alpha)}(s,t) = a_{i0}^{(\alpha)}(s) + (t-t_o)a_{i1}^{(\alpha)}(s)$. In order that $a_i^{(\alpha)}(s,t)$ contains no unobserved angles, t_o is replaced by the threshold: $t_o = \mu^2 - 2\mu k_{thresh}$, $k_{thresh} = \mu(2m+\mu)/2(m+\mu)$. Substituting (35) in

$$M_{l\pm} = C\int_{-1}^{1} dx \frac{1}{2} A_{l\pm}\left[\frac{q(W-m)}{2}\frac{(1-x^2)P_l'(x)}{l(l+1)}H_1 + \right. \tag{17}$$

$$\left. + \left\{\frac{W+m}{2W}(W+E_2+qx)\left[P_l(x) - \frac{q(W-m)P_{l\pm1}(x)}{(E_2+m)(W+m)}\right] + q\frac{(1-x^2)P_l'(x)}{l(l+1)}\right\}H_2 + \right.$$

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"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

$$+\left\{\frac{W+m}{2W}(\omega-qx)\left[P_l(x)-\frac{q(W-m)P_{l\pm1}(x)}{(E_2+m)(W+m)}\right]-q\frac{(1-x^2)P_l'(x)}{l(l+1)}\right\}H_3+$$

$$+2\left\{P_l(x)+\frac{qP_{l\pm1}(x)}{E_2+m}\right\}H_4\Big], \qquad (17)$$

$$E_{l\pm}=C\int_{-1}^{1}dx\frac{1}{2}B_{l\pm}\Big[\frac{q(1-x^2)}{2}\left\{\frac{q(W+m)}{E_2+m}D_{l\pm}P'_{l\pm1}(x)-\right.$$

$$\left.-(W-m)A_{l\pm}P_l'(x)\right\}H_1+\left\{\frac{W+m}{2W}(W+E_2+qx)\left[P_l(x)-\right.\right.$$

$$\left.\left.-\frac{q(W-m)P_{l\pm1}(x)}{(E_2+m)(W+m)}\right]-q(1-x^2)\left[A_{l\pm}P_l'(x)+D_{l\pm}\frac{qP'_{l\pm1}(x)}{E_2+m}\right]\right\}H_2+$$

$$+\left\{\frac{W+m}{2W}(\omega-qx)\left[P_l(x)-\frac{q(W-m)P_{l\pm1}(x)}{(E_2+m)(W+m)}\right]+\right.$$

$$\left.+q(1-x^2)\left[A_{l\pm}P_l'(x)+D_{l\pm}\frac{qP'_{l\pm1}(x)}{E_2+m}\right]\right\}H_3+2\left\{P_l(x)+\frac{qP_{l\pm1}(x)}{E_2+m}\right\}H_4\Big],$$

где

$$A_{l\pm}=\begin{cases}(l+1)^{-1}\\-l^{-1}\end{cases},\quad B_{l\pm}=\begin{cases}(l+1)^{-1}\\l^{-1}\end{cases},\quad D_{l\pm}=\begin{cases}(l+2)^{-1}\\(1-l)^{-1}\end{cases}.$$

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Equations for the photoproduction...

one obtains the integral equations for photoproduction. Whereas the last integral for the isotope-vectorial amplitudes vanishes only in (35), the reaction $\gamma\pi \to N\bar{N}$ makes a contribution to the isotope-scalar amplitudes. Neglecting the non-resonant πN phases from (35), one obtains

$$H_l^{(3)}(s, \bar{s}, t) = \left(B_l^{(3)} - \frac{2eg\delta_{l1}}{t-\mu^2}\right)\left(\frac{1}{s-m^2} \pm \frac{1}{\bar{s}-m^2}\right) + \frac{1}{\pi}\int_{4\mu^2}^{\infty} \frac{b_l(t')\,dt'}{t'-t}. \quad (44)$$

for the isotope-scalar photoproduction amplitudes; the b_i are given by

$$b_1(t) = \frac{mq_1}{16\pi E p^2}\left[T_+^{(-)1} - \frac{m}{\sqrt{2}E} T_-^{(-)1}\right] f_1^*,$$

$$b_2(t) = \frac{mq_1}{16\pi p^2}\left[-\frac{m}{E} T_+^{(-)1} + \frac{1}{\sqrt{2}} T_-^{(-)1}\right] f_1^*, \quad (39),$$

$$b_3(t) = 0, \quad b_4(t) = -(mq_1/16\pi E)\, T_+^{(-)1} f_1^*,$$

There are 1 figure and 15 references: 6 Soviet-bloc and 9 non-Soviet-bloc. The three references to English language publications read as follows: J. L. Uretsky et al. Phys.Rev.Lett.1,12,1958; S. Mandelstam, Phys.Rev.112, 1344,1958; W. R. Frazer, J. R. Fulco Phys.Rev. 117,1603,1609, 1960.

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22136

S/056/61/040/003/016/031
B102/B205

Equations for the photoproduction...

ASSOCIATION: Ob"yedinennyy institut yadernykh issledovaniy (Joint Institute of Nuclear Research); Institute of Theoretical Physics of Warsaw University, Poland, G. Bialkowski and A. Jurewicz

SUBMITTED: September 6, 1960

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"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

BIALKOWSKI, G.; JUREWICZ, A.

A set of integral equations for the photoproduction of pions on nucleons amplitudes. I. Bul Ac Pol mat 10 no.1:49-55 '62.

1. Institute of Theoretical Physics, University, Warsaw. Presented by L.Infeld.

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"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

S/058/62/000/012/008/048
A160/A101

AUTHORS: Białkowski, G., Jurewicz, A.

TITLE: A system of integral equations for the amplitudes of photoproduction of pions on nucleons. II

PERIODICAL: Referativnyy zhurnal, Fizika, no. 12, 1962, 52, abstract 12A448 ("Bull. Acad. Polon. sci. Sér. sci. math. astron. et phys.", no. 3, 1962, v. 10, 165 - 169, English; summary in Russian)

TEXT: Starting from the dispersion relations for energy at a fixed angle for symmetrically-rendered amplitudes of photoproduction of pions on nucleons, obtained in the previous article (ref. 12A447), a system of integral equations was derived for lower partial amplitudes of this process. The contribution of the left-hand section is disregarded.

V. Pavlov

[Abstracter's note: Complete translation]

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"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

JUREWICZ, Edward, inz.

GMb-6 small over-all dimension, massless head for 6 kv cables.
Wiad elektrotechn 28 no.8:257-259 Ag '61.

1. Przedsiebiorstwo Robot Elektrycznych, Gdansk.

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

JUREWICZ, Edward, inz.

Remarks on standard PN-61/E-05125 "Electric power cable lines; construction provisions." Wiad elektrotechn 30 no.7:244-245 Jl '62.

1. Przedsiebiorstwo Robot Elektrycznych, Gdansk.

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

JUREWICZ, Edward, inz.

Workshops of auxiliary production. Wiad elektrotechn 30 no.11: 379-380 N '62.

1. Przedsiebiorstwo Robot Elektrycznych Elektromontaż, Gdansk.

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

JUREWICZ, Edward, inz.

Subsidiary production shops; preparation for the production.
Wiad elektrotech 30 no.11:379-380 N '62.

1. Przedsiebiorstwo Robot Elektrycznych Elektromontaz, Gdansk.

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

WASILEWSKI, Michal; JUREWICZ, Irena

A case of breast cancer of long duration "cured" with stilbestrol. Nowotwory 13 no.1:83-92 '63.

1. Z Poradni Onkologicznej Wydzialu Zdrowia i Opieki Spolecznej DRN Warszawa-Praga Polnoc Kierownik: dr M. Wasilewski.
(BREAST NEOPLASMS) (NEOPLASM THERAPY)
(DIETHYLSTILBESTROL)

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

JUREWICZ, Janusz, mgr inz.; SADOWSKI, Kazimierz

Low-voltage electric apparatus produced by the Apator Works.
Wiad elektrotechn 30 no.5:148-151 My '62.

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

JUREWICZ, Oktawiusz

Kazimierz Kumaniecki. Nauka polska 12 no.1:68-73 Ja-F '64.

1. University, Warsaw.

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

JUREWICZ, Wieslaw

Editorial. Probl proj hut maszyn 11 no.3:65 Mr '63.

Preliminary thesis for the elaboration of capital investment trends in the machine industry. Ibid.:66-70

1. Dyrektor Prozametu, Warszawa.

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"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

JURGA, B.

IBRMAER, Ya. [Ibrmajer, J.]; DLABACH, M. [Dlabac, M.]; DOLEZHAL, I. [Dolezal, J.]; YURGA, B. [Jurga, B.]; POLA, I.

Complex examination of geophysical materials of the Vienna Basin. Prace ust naft 18:37-38 '61.

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

JURGA, Bohus

Results of the experimental seismic measurements in the Flysch zone. Geol prace 63:99-108 '62.

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

JURGA, F.

TECHNOLOGY

periodicals: SBORNIK VEDECHYCH PRAC Vol. 2, 1957

JURGA,F. Representation of functions of a complex variable by means of nomograms with multiple fields. p. 7.

Monthly List of East European Accessions (EEAI) LC Vol. 8, no. 5
May 1959, Unclass.

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

16(1) PHASE I BOOK EXPLOITATION CZECH/2486

Jurga, František, Professor of Natural Sciences

Nomografia a iné grafické metódy (Nomography and Other Graphic Methods) Bratislava, SVTL, 1958. 278 p. 1,700 copies printed.

Reviewer: Dr. Anton Huťa, Docent of Natural Sciences; Resp. Ed.: Samo Saling, Engineer; Tech. Ed.: F. R. Blažko; Managing Ed. for Literature on Theory: Pavol Holéczy (Chief Ed.)

PURPOSE: This book is intended as a textbook in graphical calculus, particularly in nomography, for engineering students in higher technical schools. It may be used by engineers for their work.

COVERAGE: The first part of the book deals with the fundamentals of graphical calculus, such as various types of scales, graph papers, and graphical representation of functions. The largest part of the book is devoted to charts, specifically to various types of alignment charts. The fundamentals of graphical analysis are given in connection with graphical differentiation and integration. The

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Nomography and Other (Cont.)

author thanks Assistant Engineer G. Sebova and Docent Dr. J. Jakubik for reading the manuscript, and J. Lux, Graduate Civil Engineer, for making the drawings, as well as the reviewer, Docent Dr. A. Huta. There are 44 references: 11 Czech and Slovak, 4 Russian, 20 German, 6 French, 2 English, and 1 Hungarian.

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1.1 Unit of graphical representation-modulus	11
1.2 Four fundamental calculation operations	13
1.3 Homogeneous entire linear function	15
1.4 Nonhomogeneous entire linear function	16
1.5 Solution of a system of linear equations by successive elimination	18
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"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

JURGA, Frantisek

"Nomography" by Vaclav Pleskot. Reviewed by Frantisek Jurga. Tech praca 15 no. 12: 1012 D '63.

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

GASIOREK, Adam, technik; KURZAK, Pawel; JURGAWKA, Stanislaw; SPIKOWSKI, Feliks, technik; SLOMIANOWSKI, Stanislaw

More efficient sack filters in the central coal milling plant of the electric power station in Czechnica. Gosp paliw 11 Special issue no.(95):27-28 Ja '63.

1. Elektrownia Czechnica-Siechnice, powiat Wroclaw.

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"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

[redacted], E.

The dolomites of Raikkula stage in the Lower Silurian of Estonia. In Russia. p. 143. Vol. 8, no. 3. 1959.

EESTI [illegible], (Eesti NSV Teaduste Akadeemia) Tartu, Estonia
Vol. 8, no. 3, 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 12, Dec. 1959.
Uncl.

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"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

JURHASZ, Jeno, Dr.; BALO, Jozsef, Dr.; KEMENY, Gabor, Dr.

Experimental studies on the carcinogenic effects of isonicotinic acid hydrazide (INH). Tuberkulozis 10 no.3-4:49-54 Mar-Apr 57.

1. A budapesti Orvostudomanyi Egyetem I. Korbonctani es Kiserleti Rakkutato Intezete (igazgato Balo Jozsef dr. egyet tanar) kozlemenye.

(ISONIAZID, tox.
tumor induction in mice (Hun))
(NEOPLASMS, exper.
induction by isoniazid in mice (Hun))

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ACCESSION NR: AP4023745 H/0008/64/000/003/0146/0152

AUTHOR: Szephalmi, Geza; Turi, Laszlo; Vigassy, Tozsef

TITLE: Neutron temperature measurements in the ZR-2 system

SOURCE: Energia es atomtechnika, no. 3, 1964, 146-152

TOPIC TAGS: neutron temperature measurement, ZR-2 system, thermal spectrum measurement, EK-10 fuel element, quadrangular lattice, VVR-S reactor, burnout, Uranium-water lattice, lattice moderator

ABSTRACT: The chief characteristics of the neutron spectrum of reactors and the chief methods of spectrum measurement are described. Authors describe their own measurement procedures, give neutron temperature measurements made with the ZR-2 zero reactor of the Central Research Institute and compare their results with similar measurements. So far as they know, no such measurements have hitherto been made in triangular-geometric aqueous lattices built of EK-10 fuel elements, but several have been made in various VVR-S type reactors, the core of which is a quadrangular lattice having 17.5 mm lattice divisions and built of EK-10 fuel elements. Since the $\frac{\Sigma_a}{N_H}$ parameter basically governs the formation of neutron

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ACCESSION NR: AP4023745

spectra and the influence of the lattice geometry is slight, they compared their own measurements in a 19-mm division triangular lattice (corresponding on the basis of that parameter to the lattice of VVR-S reactors). The values show considerable divergences, probably because of differences in measuring methods, since WR-S type reactors with approximately the same burnout and spectrum are involved. In heterogeneous reactors, the thermal neutron spectrum can change greatly within so-called "unit cells". Mostovoy (Atomnaya Energiya, 13/6, 1962) made measurements relating to this in natural uranium-water lattices, on the basis of which it could be expected that this effect is also considerable in lattices formed of EK-10 fuel elements. "We thank all those who have made the publication of this article possible for their cordial collaboration, especially our scientific associates Barta Tamas, Frankl Laszlo and Konozos Gena, who were of assistance to us in the measurements." Orig. art. has: 1 figure, 2 tables and 29 equations.

ASSOCIATION: MTA Korponti Fizikai Kutatointezet, Budapest (Central Physical Research Institute, Hungarian Academy of Sciences)

SUBMITTED: 00 DATE ACQ: 15Apr64 ENCL: 00

SUB CODE: NS NO REF SOV: 001 OTHER: 016

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"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

JURIC, M.

Some new concepts on the geology of the Paleozoic of the Sana-Una Rivers in northwestern Bosnia. Bul sc Jug 5 no.3:69-70 Jl '60.
(EEAI 10:5)

1. Institut fur geologische Forschung der V.R.Bosnien und Herzegowina, Sarajevo.
(Bosnia and Hercegovina--Geology)

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3

JURIC, Marko (Foca)

A syndrome of bronchial obstruction in pulmonary tuberculosis in children. Tuberkuloza, Beogr. 12 no.2:211-230 '60.

1. Institut za tbc., Golnik (direktor: prim. dr T.Furlan)
(TUBERCULOSIS PULMONARY compl)

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619720003-3"